

The what i wanted to  
do in



The first years of my undergraduate career were a mess - I had no idea what to do in life, and the burden of my family's financial crisis back home didn't help.

As the eldest daughter and without enough financial aid from the university, I withdrew from my studies to support the family. Despite the situation, I took this time to assess what I wanted to do in my life, and through self-help books and experimenting, I discovered that I was more interested in biology than programming. Due to my interest in healthcare I elected Biomedical Engineering as my major in college and maintained an aggregate of 67%, along with establishing collaborations with faculty and peers to hone my disposition for reasoning, logic, and scientific curiosity which led me down a path in pursuit of medical field. With additional training, I see myself getting a Ph. D. and working with a passionate and innovative R&D team that works towards catering to the requirements and tackling the challenges of the brave new world. Over time, when electronics greeted medicine, the healthcare industry was accelerated to perform tremendous feats. Inventions such as bionic arms, prosthetic eye, CT, and others have had me stupefied.

Ever since I had discovered my passion in biomedical engineering, I wanted to extend my skills into helping physically challenged or differently abled people by creating assist devices for them. My final year project was also based on developing such an assist device which is color recognition for color blind people. In an effort to work towards my goal I did my internship at CARE Hospitals where I learned about various equipments used in hospitals which triggered my curiosity to another level. I grabbed every learning opportunity I was presented with and I believe I picked up some valuable skills and

characteristics like overhauling, curiosity, creativity, persistence. I have functioned in various leadership positions like chief coordinator for Annual college fest, organizer for Promethean a National level technical symposium, an executive member of club inquisitive- an innovative student club.

Working in these roles made me appreciate the value of teamwork, planning, effective decision making, and communication. With the knowledge obtained through my UG studies I feel that I have taken the first few steps of a thousand mile journey. I wish to pursue the graduate degree to satisfy my intellectual curiosity and laying the groundwork for my career.

I am enthusiastic to learn advanced skills, concepts and gain in-depth knowledge of the field. I firmly believe that Graduate study will provide me with the opportunity to explore the depths and marvels of engineering. As the University of Ottawa, has always been the cradle of innovation and is doing the phenomenal quality of research towards the Biomedical Engineering; I strongly believe that it serves my best interest to pursue the MS in Biomedical Engineering program at the University. I feel that I have a firm grasp on the basic concepts of Biomedical Engineering. I am also confident that the internship, projects, and other learning experiences have seasoned me with a comprehensive sense of the scientific research and a desire to undertake it. And I find myself fully prepared to take on exciting challenges ahead.

I hope the admission committee favorably receives my application.